|          | 09/745,818<br>Examiner |            |  |                      |          |          |           |           |                                      |          |  |          |          |    |          | _        | HANSMANN ET AL.   |                 |              |           |             |              |          |            |                     |          |   |          |       |          |  |                 |  |
|----------|------------------------|------------|--|----------------------|----------|----------|-----------|-----------|--------------------------------------|----------|--|----------|----------|----|----------|----------|-------------------|-----------------|--------------|-----------|-------------|--------------|----------|------------|---------------------|----------|---|----------|-------|----------|--|-----------------|--|
| Examiner |                        |            |  |                      |          |          |           |           |                                      |          |  |          |          |    |          |          |                   | Ar              | t U          | nit       |             |              | ı        |            |                     |          |   |          |       |          |  |                 |  |
|          |                        |            |  |                      |          |          |           |           |                                      |          | <b>                                     </b> |          |          |    |          |          | Lalita M Hamilton |                 |              |           |             |              |          |            | 3634                |          |   |          | - 1   |          |  |                 |  |
|          |                        |            |  |                      |          |          |           |           |                                      | Lali     |  |          |          |    |          |          |                   | lita M Hamilton |              |           |             |              |          |            | 3624                |          |   |          |       | ᆚ.       |  |                 |  |
|          |                        |            |  |                      |          |          |           |           |                                      |          |  |          |          |    |          |          |                   | 1               |              |           |             |              | ١ .      |            |                     |          |   |          |       | 1        |  |                 |  |
|          | √ Rejected _           |            |  |                      |          |          |           |           | (Through numeral)                    |          |  |          |          |    |          | Non-Ele  |                   |                 |              | ete       | ad          |              |          | Appeal     |                     |          |   |          |       |          |  |                 |  |
|          |                        |            |  |                      |          |          |           | Cancelled |                                      |          |  |          |          |    | Į        | N        | ,,,               |                 |              |           |             | Α            | Appear   |            |                     |          |   |          |       |          |  |                 |  |
|          | _  Allowed             |            |  |                      |          |          | ١.        |           | Donat data d                         |          |  |          |          |    |          |          | . [               |                 |              |           |             |              |          |            |                     |          |   |          | ]     |          |  |                 |  |
|          | = Allowed              |            |  |                      |          |          |           | +         |                                      |          | Restricted                                   |          |          |    |          | - 1      |                   | П               | Interference |           |             |              | 0        | Objected   |                     |          |   |          |       |          |  |                 |  |
|          |                        |            |  |                      |          |          |           | <u>-</u>  | Ь.                                   |          |  |          |          |    | _        |          | J <del>LL</del>   |                 |              |           | ,           | ш            |          |            |                     |          |   | j        |       |          |  |                 |  |
| CI       | aim                    | <u>ه</u> ا |  |                      | _0       | ate      | -         |           |                                      | }        | Claim  |          |          | Di |          | ate      |                   |                 |              |           | Cla         | aim          | Г        |            |                     | Da       | te  |          |       | $\neg$   |  |                 |  |
|          | -                      | HI CON     |  | П                    | П        |          |           | Т         | Г                                    | ĺ        |  |          |          |    |          | $\neg$   |                   | T               | $\top$       | T         | ٦           | . [          |          |            | П                   | Т        | T   | Ť        | Ť     | Г        | Г  | П               |  |
| Final    | <u>ë</u>               | IJ         |  |                      |          |          |           |           | ł                                    |          | Final  | Ę        |          |    |          | - 1      | - 1               |                 | - 1          |           |             |              | Final    | jug        |                     |          | 1   |          |       | 1        |  | П               |  |
| ıŒ       | Original               | H          | /  | 1                    |          | -        |           |           |                                      |          | ű.   | Original |          |    |          | - 1      | - 1               | ı               |              | 1         | ŀ           | 3.5          | Ē        | Original   |                     |          |   | 1        | 1     | 1        |  | H               |  |
| -        |                        | H          | Υ_   | $\vdash$             | +        | +        | +         | ╂-        | ⊢                                    | ١.       | <u> </u>                                     | <u> </u> | Н        | Н  | -        | 4        | 4                 | 4               | $\dashv$     | 4         | 4:          | :  -         | _        |            | Н                   | 4        | 4   | ╄        | ╄     | ↓_       | <b>!</b>   | Ц               |  |
|          | 2                      | 1          | -  | Н                    | $\dashv$ | ┰        | ╫         | ╀         | +-                                   | ١.       | ├  | 51<br>52 | Н        | Н  | -        | ┥        | +                 | +               | +            | +         | ┥.          | . }-         |          | 101<br>102 | Н                   | -        | +   | +-       | ╀     | ╀        | ┦  | $\vdash \dashv$ |  |
|          | 3                      | ╫          | 1  | Н                    | $\dashv$ | $\dashv$ | 十         | ┿         | +                                    | 1,5      | ┝  | 53       | ┢╌       | Н  |          | ┪        | -+                | $\dashv$        | ┰            | ╅         | ۲.          | . 1          |          | 103        | $\vdash$            | +        | +   | ╫        | ╁     | ╁        | $\vdash$   | Н               |  |
|          | 4                      | 11         | Г  | П                    | 7        | $\dashv$ | +         | T         | T                                    | ľ        |  | 54       | П        | Н  |          | ┪        | 7                 | _               | +            | ╅         | ┪           |              |          | 104        | H                   | $\dashv$ | ┿   | +        | +     | ╁        | Н  | Н               |  |
|          | 5                      |            |  |                      | $\Box$   | I        | I         | Τ         |                                      | 1.5      |  | 55       |          |    |          |          |                   |                 |              | T         | J.          |              |          | 105        | П                   |          | 十   | +-       | 1     | T        | П  | П               |  |
| <u> </u> | 6                      | ₩_         | ᆫ  | Н                    | 4        | 4        | 4.        | 1         |                                      | Ì.       |  | 56       |          |    |          | $\Box$   |                   |                 | $\Box$       | $\perp$   |             | <b>∵</b> [   |          | 106        |                     |          |   | $\perp$  |       |          |  |                 |  |
| -        | 8                      | #          | H  | $\vdash \downarrow$  | -        | +        | +         | ╀         | ╀                                    | ŀ        | <u> </u>                                     | 57       | Ш        | Ш  |          |          |                   | 4               | 4            | 4         | 4           |              |          | 107        | Щ                   | 4        | 4   | ┸        | ↓_    | ┖        | L  | Ш               |  |
| -        | 9                      | ╫╴         | Н  | ⊢⊦                   | $\dashv$ | +        | ╬         | ╫         | ╀                                    |          |  | 58<br>59 | $\vdash$ | Н  |          | $\dashv$ | $\dashv$          | $\dashv$        | +            | +         | 4           | -  -         |          | 108<br>109 | Н                   | $\dashv$ | +   | ╀        | ╀     | ⊢        | -  | Н               |  |
| $\vdash$ | 10                     | +}-        | Н  | ┝                    | +        | 十        | ╅         | ╁         | ╁                                    |          | _  | 60       | Н        | Н  | $\dashv$ | ᅥ        | ┪                 | ╅               | +            | ╅         | ┥           | · -          |          | 110        | Н                   | +        | +-  | ╫        | ╁╴    | ╁        | ╁  | Н               |  |
|          | 11                     | 1          | ┢  | H                    | 7        | +        | 十         | t         | $\top$                               | ,        | _  | 61       | Н        | Н  |          | -        | 十                 | +               | +            | ╅         | ┥.          | . ' <b>-</b> |          | 111        | $\vdash$            | +        | ╅   | ╁        | ╁     | ╁╌       | ╁  | Н               |  |
|          | 12                     |            |  |                      |          |          | 1         |           |                                      | ļ.,      |  | 62       |          |    | $\neg$   | 寸        | ┪                 | $\dashv$        | 十            | 1         | ┪           | :            |          | 112        | H                   | 寸        | +   | 十        | T     | T        | Т  | Н               |  |
|          | 13                     | IL         |  | П                    | $\Box$   |          | $\perp$   | $\Gamma$  |                                      | )<br>    |  | 63       |          |    |          | $\Box$   |                   |                 |              |           |             | Ŀ            |          | 113        |                     |          |   | 丁        |       |          | Г  |                 |  |
| <u> </u> | <b>(4)</b>             | Щ_         |  | $\sqcup$             | 4        | _        | ᆚ         | L         | lacksquare                           |          |  | 64       |          |    |          | $\Box$   | $\Box$            | $\Box$          | $\sqsupset$  | $\perp$   |             | ` [          |          | 114        |                     |          | $\perp$   | L        | oxdot |          |  |                 |  |
| <b> </b> | 15                     | #-         | H  | Н                    | 4        | 4        | +         | ╀         | -                                    | ١.       | <b> </b>                                     | 65       | L        | Ш  | _        | _        | _                 | _               | $\dashv$     | 4         | 4           |              |          | 115        | Н                   | 4        | 4   | ╄        | ╀     | ╙        | L  | Щ               |  |
|          | 16                     | ╫╴         | $\vdash$   | $\vdash$             | ╅        | ┿        | +         | ╁         | +                                    | -        |  | 66<br>67 | Н        | Н  | $\dashv$ | $\dashv$ | -                 | $\dashv$        | +            | +         | ┥.          | : -          | -        | 116<br>117 | Н                   | $\dashv$ | +   | ╀        | ╀╌    | ⊢        | ├  | Н               |  |
| -        | 18                     | ╫╴         | Н  | H                    | ┪        | ╁        | ╈         | ╁         | $\vdash$                             |          | <del></del>                                  | 68       | $\vdash$ | Н  | -        | -        | +                 | $\dashv$        | ┰            | ┰         | $\dashv$    | ·  -         |          | 118        | ${oldsymbol{dash}}$ | +        | +   | ┿        | ╁╌    | ╁        | $\vdash$   | Н               |  |
|          | 19                     | #          | Г  | П                    | 7        | 十        | +         | 十         | Т                                    | ;        | 1  | 69       | Г        | Н  |          | ᅥ        | ┪                 | $\dashv$        | 十            | +         | ┥.          | : <b>†</b>   | -        | 119        | H                   | 十        | 十   | ╈        | 1-    | ╁        | <del>                                     </del> | Н               |  |
|          | 20                     |            |  |                      |          | $\Box$   |           |           |                                      |          |  | 70       |          |    |          |          |                   |                 |              |           | $\Box$      | ٠Ē           |          | 120        |                     | T        |   |          |       |          |  | П               |  |
| <u> </u> | 21                     | ┖          | Ш  | Н                    | 4        | 4        | 4         | 1         | Ш                                    |          |  | 71       |          | Ш  |          | _        | $\dashv$          | $\Box$          | $\perp$      | $\perp$   | $\Box$      | [            |          | 121        |                     | $\Box$   | $\perp$   | $\Gamma$ |       |          |  |                 |  |
| -        | 22                     | Ι.         | H  | $\vdash \downarrow$  | -        | +        | +-        | ╄         | ╀                                    | ١.       |  | 72       | $\vdash$ | Ш  | $\dashv$ | -        | 4                 | -               | 4            | 4         | 4           | ┡            |          | 122        | Н                   | 4        | 4   | 4        | ↓     | ▙        | L  | Ш               |  |
| -        | 24                     | ₩          | H  | ┞╌╂                  | ┥        | +        | +         | ╀╌        | ╀                                    |          |  | 73<br>74 | H        | Н  | $\dashv$ | $\dashv$ | $\dashv$          | +               | +            | +         | $\dashv$    |              | -        | 123<br>124 | Н                   | +        | +   | ╀        | ╀     | ⊢        | ⊢  | Н               |  |
| -        | 25                     | <b>Y</b>   | Н  | ┢                    | $\dashv$ | +        | ╅         | ╁         | ╁                                    |          |  | 75       | Н        | Н  | $\dashv$ | ┪        | $\dashv$          | +               | ┰            | +         | Ⅎ           | ٠+           | _        | 125        | Н                   | +        | +   | ┿        | ╂╼    | ╁        | $\vdash$   | Н               |  |
|          | 26                     | 1          | Г  | H                    | ┪        | 十        | $\dagger$ | t         | ╁                                    |          |  | 76       | Н        | Н  | $\dashv$ | ╛        | +                 | +               | +            | +         | ٦           | ٤F           |          | 126        | $\vdash$            | +        | ╅   | ╁        | +     | $\vdash$ | Н  | Н               |  |
|          | 27                     |            |  |                      |          |          | $\top$    |           |                                      |          |  | 77       |          |    |          |          |                   |                 | $\Box$       | _         | ٦.          | ी            |          | 127        | Ħ                   | 寸        | T   | 十        | t     | T        |  | Н               |  |
|          | 28                     | _          |  | Ц                    | $\perp$  | $\perp$  |           |           | oxdot                                | ): ·     |  | 78       |          |    |          |          |                   | $\Box$          | $\Box$       | $\perp$   | ٦٠          |              |          | 128        |                     | $\Box$   | $\perp$   | I        |       |          |  |                 |  |
| -        | 29                     | -          |  | Н                    | 4        | 4        | _         | ╄         | ╄                                    | <u> </u> |  | 79       | -        | Ш  | _        | _        | _                 | 4               | 4            | 4         | <b>_</b>  ; |              |          | 129        | Ц                   | 4        | 4   | ┸        | ↓_    | _        |  | Ш               |  |
| -        | <u>30</u>              | $\vdash$   | $\vdash$   | $\vdash \vdash$      | +        | +        | +-        | +         | +-                                   | ļ        | <u> </u>                                     | 80<br>81 | -        | Н  | $\dashv$ | 4        | 4                 | +               | +            | +         | $\dashv$    | 1            |          | 130<br>131 | $\vdash \vdash$     | +        | +   | +        | ╀     | $\vdash$ | -  | Ш               |  |
| -        | 32                     | $\vdash$   | <del>                                     </del> | $\vdash$             | $\dashv$ | 十        | +         | ╁         | $\vdash$                             |          | <b> </b>                                     | 82       | Н        | Н  | $\dashv$ | -        | +                 | +               | +            | +         | ۱,          | ⋰            | -        | 132        | ${oldsymbol{ech}}$  | +        | +   | +        | +     | ╁        | $\vdash$   | Н               |  |
| 1        | 33                     |            | П  | $\sqcap$             | 7        | 十        | $\top$    | T         | ✝                                    |          |  | 83       | Н        | Н  | $\dashv$ | ᅥ        | +                 | $\dashv$        | $\top$       | +         | ۲.          | H            | $\dashv$ | 133        | $\vdash$            | 十        | +   | +        | 十     | 一        |  | Н               |  |
|          | 34                     |            |  |                      | 丁        | 丁        |           | I         |                                      |          |  | 84       |          |    |          |          |                   | $\exists$       |              | ╁         | ╝.          | į            | •        | 134        | H                   | _†       | <u> </u>  | T        | T     | T        |  | Н               |  |
|          | 35                     |            | $\Box$   | Ц                    | I        | Ţ        | T         | $\Box$    |                                      | ŀ        |  | 85       |          |    |          | I        |                   | $\Box$          | $\Box$       | I         | ]           |              |          | 135        |                     |          |   | I        | L     |          |  |                 |  |
|          | 36                     | <u> </u>   | Щ  | $\vdash$             | 4        | $\dashv$ | 4         | ┺         | $oxed{oldsymbol{oldsymbol{\sqcup}}}$ |          |  | 86       | Ш        | Ш  | _        | _        | _                 | 4               | _            | _         | _           | ·L           |          | 136        | Ц                   | $\perp$  | $\perp$   | L        | L     | L        |  |                 |  |
| -        | 37                     | ⊢          | H  | ┝┽                   | +        | +        | +         | ╀╌        | ┿                                    | ľ        | <u> </u>                                     | 87<br>88 | $\vdash$ | Н  | $\dashv$ | -        | -                 | -+              | +            | +         | 4           | $^{-}$       | _        | 137        | Н                   | +        | +   | ╀        | ╄     | <b>├</b> | L  | Щ               |  |
| -        | 39                     | ╁          | $\vdash$   | ┝┼                   | +        | +        | +         | ╫         | ╆                                    |          | <del> </del>                                 | 89       | $\vdash$ | Н  | ┥        | $\dashv$ | ᆉ                 | $\dashv$        | +            | ┿         | $\dashv$    | 1            | _        | 138<br>139 | $\vdash$            | +        | ┿   | ╫        | ╀╌    | ⊢        | ⊢  | Н               |  |
|          | 40                     | t          |  | H                    | +        | +        | +         | +-        | ┢                                    |          | ├  | 90       | Н        | Н  | $\dashv$ | ┪        | +                 | 十               | +            | ╁         | ┥.          | ŀ            | $\dashv$ | 140        | H                   | ╌┼       | ╅   | ╁╌       | ╁╴    | ╁╌       | ╁╌   | Н               |  |
|          | 41                     | Г          |  |                      | _        | 丁        | $\top$    |           | T                                    | 1        |  | 91       |          | H  | $\dashv$ |          | ┪                 | $\dashv$        | 十            | $\dagger$ | ۲           | 1            |          | 141        | H                   | $\dashv$ | ╅   | +-       | ✝     | H        | Н  | Н               |  |
|          | 42                     |            |  |                      | $\Box$   | $\perp$  | I         | $\Box$    | $\Box$                               | ] .      |  | 92       |          |    |          | コ        | J                 | <del>ゴ</del>    | 工            | I         | J           | t            |          | 142        |                     | 士        | 丁   | $\perp$  | T     |          |  |                 |  |
| <u> </u> | 43                     | <u> </u>   | $\vdash$   | oxdot                | 4        | 1        | 4         | Ļ         | igsqcup                              | Į        |  | 93       | $\Box$   | Ц  | $\Box$   | $\Box$   | $\supset$         | 工               | $\Box$       | 工         | ]           | Ţ            |          | 143        | П                   | 工        | I   | Ţ        | L     | Г        |  |                 |  |
| -        | 44                     | ├          | $\vdash$   | ${oldsymbol{arphi}}$ | -        | -        | +         | +         | $\vdash$                             |          | <u> </u>                                     | 94       | Н        | Ш  | $\dashv$ |          | 4                 | _               | +            | 4         | 4           | F            | _        | 144        | $\sqcup$            | 4        | _   | 1        | Ĺ     | 1        |  | 口               |  |
| -        | 45                     | -          | $\vdash$   | $\vdash \vdash$      | ┽        | $\dashv$ | +         | ╁         | ╁                                    |          | <del></del>                                  | 95<br>96 | $\vdash$ | Н  | $\dashv$ | -        |                   | -+              | -+           | +         | $\dashv$    | 1            |          | 145<br>146 | ┝╌┥                 | +        | +   | ╁        | ╁     | ╀        | $\vdash$   | $\vdash\dashv$  |  |
|          | 47                     | $\vdash$   | $\vdash$   | ┝╌┼                  | +        | +        | +         | ╁         | ╆                                    |          | <del> </del>                                 | 97       | $\vdash$ | Н  | $\dashv$ | ┪        | $\dashv$          | $\dashv$        | +            | +         | $\dashv$    | H            |          | 145        | $\vdash$            | $\dashv$ | +   | +-       | ╁╌    | ⊢        | $\vdash$   | Н               |  |
|          | 48                     |            | Г  | $\Box$               | _        | _        | 士         | T         | T                                    | 1        |  | 98       | f        | Н  | $\dashv$ | $\dashv$ | +                 | $\dashv$        | 十            | $\dagger$ | $\dashv$    | 十            |          | 148        | H                   | $\dashv$ | ╁   | +-       | T     | ┢        | $\vdash$   | Н               |  |
|          | 49                     |            |  |                      | 1        |          | I         | Ι         |                                      |          |  | 99       |          |    |          | ╛        | ╛                 | 丁               | 丁            | I         | J           | t            |          | 149        |                     | _†       | 丁   | 1        | T     | T        |  | П               |  |
| L        | 50                     | L          | $\Box$   | $\Box$               | $\perp$  | $\bot$   |           | L         |                                      | ١.       | $\Box$                                       | 100      |          |    |          |          |                   | $\Box$          | J            | I         |             |              |          | 150        |                     | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | I        | L     |          |  |                 |  |
|          |                        |            |  |                      |          |          |           |           |                                      |          |  |          |          |    | _        | _        |                   |                 |              |           |             | _            |          |            |                     |          |   |          |       | _        | _  |                 |  |

Application No.

Index of Claims

Applicant(s)